Nokia Siemens Networks

FAPe-hsp 5600

PN: xxxxxxxxx

Insert Barcode

Nokia Siemens Networks

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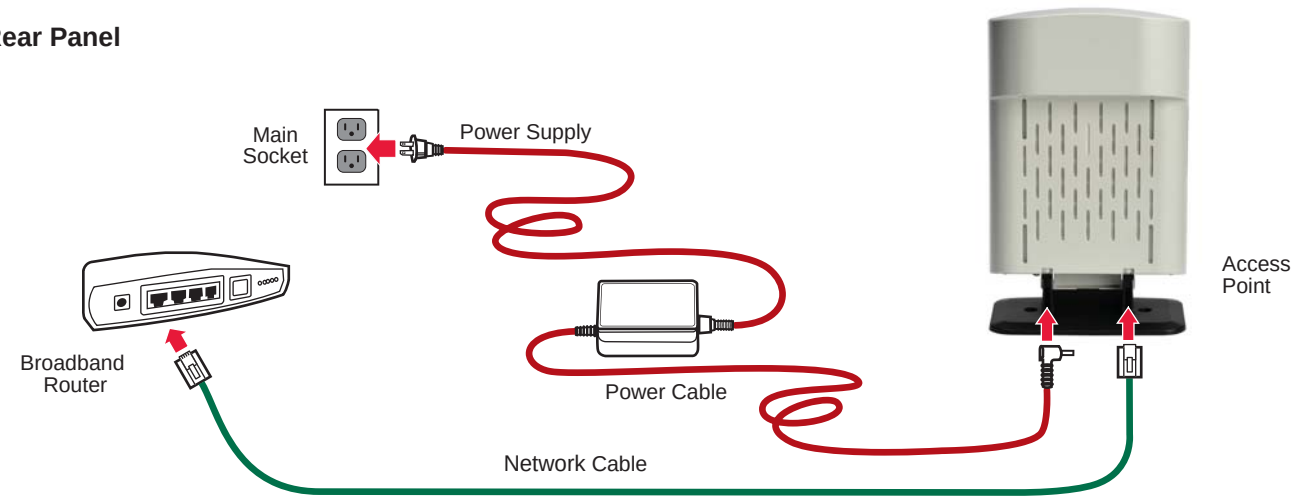
User Manual

Installation Procedure

1. Plug the power and network cables into the Access Point.
2. Plug the network cable into the broadband router.
3. Plug the power supply into the main socket.
4. The green light will stop flashing when the Access Point is ready to use. It may take a few minutes to complete the process. If the green light does not stop flashing after 30 minutes, please call the service provider.
5. For the complete User Manual, please log on to http://www.nokiasiemensnetworks.com/manuals

Rear Panel



Package Contents

3G Access Point

Ethernet cable

Main power supply

LED

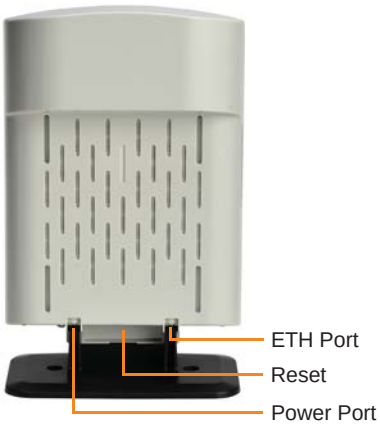
Front-Mounted LED

This device has 1 LED.

Femto (Green / Red / Off)

Green	LED State	Definition
	On	In service. No calls.
	Fast Flashing	Initialization or temporarily out of service.
	Slow Flashing	In service. One or more calls are currently active.
Red	LED State	Definition
	On	Product failure.
	Single flash	No router connection.
	Sequence of two flashes	No Internet connection.
	Sequence of three flashes	RF issue. Local interference/poor QOS.
	Sequence of four flashes	Over temperature.
Off	No power connected.	

Rear Panel



Reset	Warning: Do not reset unless service provider advises you to perform this task.
Power Port	Connect the supplied power adapter here.
ETH Port	Use standard LAN cable (RJ45 connector) to connect to the router.

Frequently Asked Questions (FAQs)

“How many mobile phones can communicate with the Femtocell Access Point (FAP)?”

The FAP can handle voice calls or data sessions for up to 16 mobile devices at a time. These can be defined when purchasing the FAP to restrict the use to certain phones. Guests can be added at a later date if required.

“How fast does my broadband connection need to be?”

The recommended minimum speed is 2Mbps to your LAN (downlink) and 512kbps from your LAN (uplink) to ensure a usable data rate for a 3G mobile.

“How far away from the Femtocell Access Point (FAP) can a user make a call?”

The typical range is between 50m and 100m. It will vary depending on a number of factors including the location of the FAP, the number of walls and their construction, and the proximity to other FAPs. It is also recommended that you are more than 20cm from the FAP when making a call.

“What happens when I enter or leave the site?”

The 3G mobile network detects when you are moving between the outdoor network and your indoor coverage area, and automatically shifts between the two without any intervention required. In normal circumstances, you would not notice anything unless there is not a presence of a 3G mobile network.

“How do I know when my handset is connected to the Femtocell Access Point (FAP)?”

When connected to a mobile network, the handset normally displays the name of the mobile operator. The FAP works in the same way but the name will show that you are connected to the FAP instead. The FAP "name" is configured by the service provider; please contact your service provider for additional questions.

“Why won’t my mobile connect to my Femtocell Access Point (FAP)?”

FAP requires a 3G mobile device; verify that your mobile is 3G-capable and check that it is “on” in your mobile’s settings. Confirm your mobile number has been registered to your FAP. You will need to register any new SIM cards for your mobile device as well.

“What happens if I get a new mobile?”

If you get a new mobile and/or new SIM, you need to register the new mobile/SIM with the FAP.

“Can I add another mobile number to my Femtocell Access Point (FAP)?”

Yes, please call your service provider.

“Why does the light keep flashing?”

See “LED” chart in this document.

“Can I still make calls when I'm sending emails or uploading files from my computer?”

Yes.

“My Femtocell Access Point (FAP) is working fine, but now my computer will not connect to Wi-Fi.”

Move your FAP farther away from your router.

“How much radio emissions does my My Femtocell Access Point (FAP) transmit?”

Less than a broadband router; up to 20mW.